

COVID-19 MODELING WEEKLY UPDATE

January 27, 2023

KEY TAKEAWAYS

- Weekly case rates have declined in the last two weeks. As of January 24, the 7-day average of daily cases is 17.65 per 100k. This is down 33% in two weeks. Statewide case rates are now similar to those of early December.
- Twelve counties and cities are reporting high COVID19 community levels. This represents about 230,000 Virginians (2.7% of the population). The CDC suggests that residents of these areas wear masks when in indoor public places. Another 63 areas (covering 2.74 million Virginians) are reporting medium community levels. High-risk individuals in these areas should also wear a mask in public.
- Hospitalization trends continue to decline gradually. The 7-day moving average of new admissions is 769. This is down 22% in a fortnight. ICU occupancy and ventilator supported patient numbers are also down slightly.
- CDC models suggest that the XBB.1.5 subvariant is continuing to outpace its peers. It is now responsible for an estimated 73% of new cases in Virginia.
- XBB.1.5 does not cause more severe illness than other variants. But it is better able to cause reinfections among those with natural immunity. A new CDC study shows that the bivalent COVID19 booster is about as effective against XBB.1.5 as it was against the BA.5 variant. Please consider getting yours if you haven't already.

1,412,577

Total Bivalent Booster Doses Administered by Jan. 26, 2023

16.5% / 40.9%

Of eligible Virginians / Seniors have received a Bivalent Booster as of January 26, 2022

34.1% / 62.2%

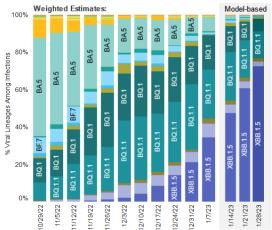
Of Virginians / Seniors have received an annual Flu shot as of January 26, 2022

12 / 63

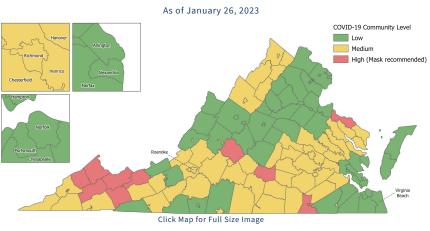
Virginia Localities at High / Medium Community Levels as of January 26, 2023

KEY FIGURES

Variant Mix - HHS Region 3



CDC Community Levels



UVA Model of Weekly Hospital Admissions

